

CLAIMS

What is claimed:

1. A device for securing batteries whereby said device is characterized as a battery holder whereas when manufactured said battery holder is to be inserted into a stethoscope head assembly of a specified size, whereby a shallow cavity is manufactured within a stethoscope head assembly, and whereas said shallow cavity encloses the disclosed battery holder, a means of securing within the stethoscope head assembly so as to provide an internal power source powering digital features to a conventional stethoscope design, whereby,

said device is incorporated into the existing shape of a conventional stethoscope head whereby the stethoscope head retains the same overall shape as a conventional stethoscope head, through the use of a battery holder which permits air to travel through said battery holder, through one or more holes placed through said battery holder, and therefore not impeding the transmission of sound energy through the stethoscope head cavity.
2. A battery holder disclosed in Claim 1, whereas the battery holder retains a electronic or digital operations control board and utilizes certain electronic connections as to transfer power from the housed batteries to and enabling said control board.

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3. A battery holder, whereas the battery holder is located within the shell of a stethoscope or the acoustic chamber in the direct path of any sound energy traveling through said acoustic chamber, of which battery holder is sized to retain the functional and aesthetic appearance of the standard stethoscope shell.
4. A battery holder as disclosed in Claim 3, whereas the battery holder is adapted to utilize conventional coin shaped batteries that maximize power as related to the size and shape of said batteries.
5. A battery holder as disclosed in Claim 3, whereas the battery holder is adapted and sized to utilize any convention battery source.
6. A battery holder as disclosed in Claim 3, whereas the battery holder is adapted and sized to utilize any custom designed battery source.
7. A battery holder and batteries secured within said acoustic chamber such that the batteries are retained through a manually attachable element and positioned directly under the hard or soft diaphragm of a stethoscope, therefore requiring no special needs or tools for accessing the enclosed batteries.